

SECRET

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NPIC/TDS/D-723-67
2 March 1967

MEMORANDUM FOR: Executive Assistant, Research and Reports

SUBJECT : Proposed Contract on Aerial Photography in Agriculture

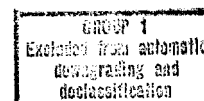
REFERENCE : Your Memo, Same Subject, dated 23 January 1967

25X1 1. We have received your memorandum with your comments on our design objectives for a crop yields study indicating the current state of your interest in this project. We have discussed our program with Mr. [] of ORD and agree that there is a major difference in the NPIC approach from that of ORD in that we are attempting to exploit presently available black and white photography rather than multispectral filtration photography as is being attempted by the ORD contractor. Our personnel are also familiar with the work being done by NASA and their contractors through visits and conferences, and we have assured ourselves that we are not duplicating any of their efforts. We have also conferred with the Department of Agriculture through [] and determined that we are not duplicating their efforts.

2. We continue to believe that it may be possible to develop a technique for estimation of crop production indirectly through related activities. We are investigating ways for accomplishing this in-house here at NPIC but also believe that it is worthwhile to determine whether other techniques and concepts can be utilized.

25X1 3. With the objective of determining quantitative estimates from presently available high altitude black and white photography, eight proposals have been received as a result of our design objectives and are currently under evaluation. All but two of these proposals have been eliminated, and we are in the final stages of discussion with the two remaining contractors. This program has been discussed with Mr. [] and he has been provided with copies of the two final proposals. We would welcome further assistance from [] in the final evaluation of these proposals and the preparation of the necessary work statement to be included in the contract.

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Declass Review by NIMA/DOD

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4. Although the NPIC approach is a high risk one we feel that the potential pay-off of being able to use currently available black and white photography is advantageous enough that it warrants serious consideration at this time.

[REDACTED]
Colonel, USAF
Assistant for Technical Development, NPIC

Distribution:

Orig + 1 - Addressee
1 - O/A/TD (file)
3 - TDS/DS ✓

25X1 NPIC/TDS/DS, [REDACTED] (2 M.r 67)

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